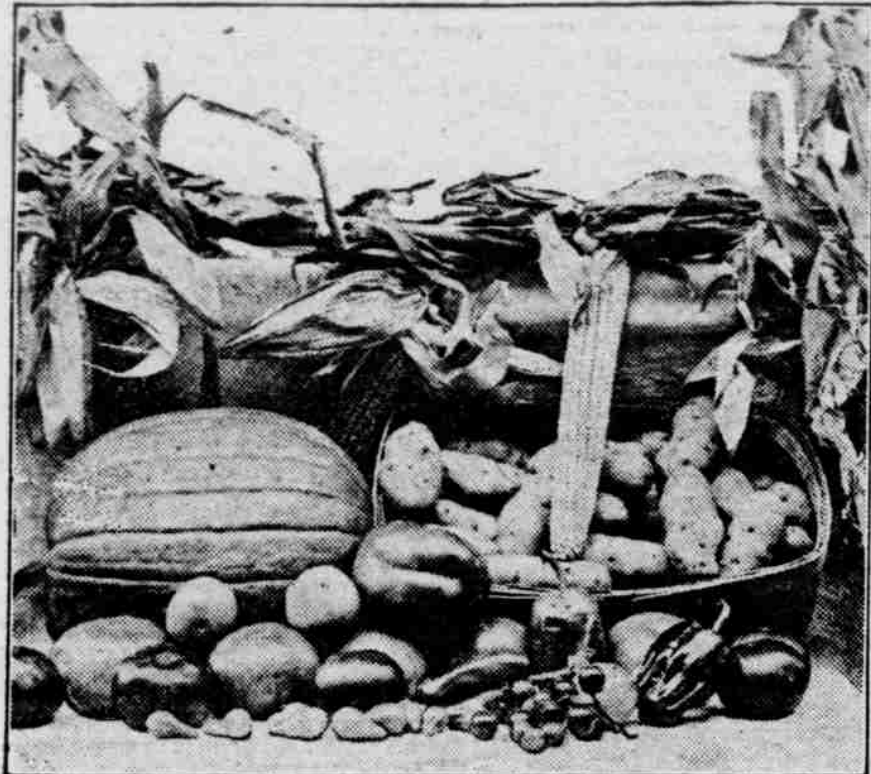


GROW TRUCK CROPS IN PEACH ORCHARDS



Vegetables From the Family Garden.

(Prepared by the United States Department of Agriculture.)

The growing of some annual crop between the trees during the first two or three seasons following the planting of an orchard, as an aid in meeting the cost of maintenance during the unproductive age of the trees, is frequently regarded by the grower as an economic measure. This practice is seldom, if ever, any advantage to the trees in comparison with thorough tillage by itself, but if interplanted crops are wisely selected and properly managed with respect to their relation to the trees, they are not likely to result in any serious harm.

A considerable range of choice may be exercised by the grower as to what crops may be used. The relative market value of different crops should, of course, govern the selection to some extent. It should always be seen, however, that whatever is chosen must not interfere with any of the operations required in the development of the trees.

Muskmelons, beans, peas, cabbages, tomatoes and other truck crops are extensively grown in this way in different sections. Potatoes are sometimes used, but they are suitable only when the crop can be so managed that the digging of the potatoes will not amount to a late cultivation, which may be attended with undesirable results. Corn, also, is frequently used, but as very often "navigated it is objectionable, because it shades the trees excessively. Whenever corn is interplanted, an open strip of considerable width should be left along the rows, so that the trees will be fully exposed to the sunlight throughout the season. If a very tall, strong-growing variety of corn is used, a wider strip should be left unplanted than where a dwarf variety is selected.

The interplanted crop ought to be one which needs essentially the same tillage that the peach trees should have. Where this is the case, the secondary crop does not seriously interfere with that operation. But the grower should realize that he is, in effect, following a system of double cropping and that because of the interplanted crop he may need to give more attention to the maintenance of the fertility of the soil than he would for the peaches alone.

After the trees reach bearing age, they should not be made to compete with another crop. Even if there is sufficient plant food in the soil to produce successfully two crops at the same time, the peach trees will usually need all of the available soil moisture, except, of course, in sections where irrigation is practiced, and there is an adequate supply of water.

DETERMINE AGE OF CATTLE

Fairly Accurate Idea May Be Had by Observing Teeth—Time of Appearance of Incisors.

The calf when born has two pair of incisors, the other two pair appear during the first month. When a calf is eighteen months old, it loses the middle pair of milk incisors, and grows a permanent pair. The next pair, one on each side, is replaced at twenty-seven months of age, the third pair at thirty-six months, the fourth or outside pair, at forty-five months. The time of appearance of these incisors varies within rather narrow limits, so that we are able to tell the age of young cattle fairly accurately.

The calf also has a temporary set of molars, which are later replaced with permanent ones, but they are not considered in estimating the age of the animal.

Concrete Ranks High.

Permanency is the watchword of modern farm buildings, and in all permanency, concrete ranks high.

ter for all purposes. Besides, an interplanted crop would be likely to interfere with the spraying of the trees, if that operation should be necessary, with the harvesting of the fruit and in other ways.

Peach Trees Planted With Apples.

Peach trees are sometimes used as an interplanted crop, especially where apples comprise the permanent crop. This practice is both highly recommended and emphatically condemned by fruit growers of wide experience. It is probably objectionable in that for a period of years both bearing and nonbearing trees occupy the same area, and it is sometimes desirable to treat a fruiting tree very differently from one that is not fruiting, for the best results with each. On the other hand, when a site is particularly favorable for both fruits, a compromise treatment can often be effected, which yields fairly satisfactory results with both kinds of trees.

The United States department of agriculture, Washington, D. C., will send interested fruit growers, free of charge, its Farmers' Bulletin (No. 632) on "Growing Peaches," which gives in detail much information on the pruning of trees, renewal of tops, thinning, interplanted crops, and special practices.

GREEN PASTURAGE FOR HOGS

Common and Practical Experience Indicates Beyond Doubt That Pasturing Brings Best Results.

The hog is naturally a grazing animal, but his digestive organs were not intended to handle dry fodder. As a matter of fact a hog will eat but little dry hay unless driven to it by hunger, whereas he eats green pasturage ravenously.

The green alfalfa digests much more readily than the dry hay without a doubt and likewise, on account of its succulence, has a more beneficial effect upon the hog's system.

Common and practical experience indicates beyond all doubt that pasturing brings better results. However, where alfalfa or other pasturage is not available, good results often obtain by allowing hogs, and especially brood sows, to eat as much as they will of good legume hay.

Humus for Potato Crop.

No amount of tillage can tide a crop of potatoes through a continued drought in a soil deficient in humus. Clover or alfalfa are the best known leguminous plants for seeding ground for potatoes, hence the importance of including such crops in the rotation.

SIMPLE REMEDY FOR SCOURS

Good Dose of Castor Oil Will Relieve Young Pigs—Cause of Trouble Is Indigestion.

The cause of scours is indigestion, which often is caused by the young pigs eating some of the food fed to the mother or picked up from another source. This undigested food causes fermentation and the formation of foul gases and the irritation of stomach and bowels.

A good remedy is to give each pig a dessertspoonful of castor oil, which will clean out the stomach and bowels, and if the scours continue after the oil has operated, give each one five drops each of tincture of opium and spirits of camphor, and ten drops tincture of catechu at a dose in a tablespoonful of water. Repeat every three hours until scours stop.

Milking Machine to Stay.

The milking machine has come to stay, and no mistake. It means a greater specializing in the dairy industry.

The edition of the New York telephone directory has reached more than 600,000 copies.

For genuine comfort and lasting pleasure use Red Cross Ball Blue on wash day. All good grocers. Adv.

There was an increase of nearly 700,000,000 in the cigarette output in the United States last year.

Important to Mothers
Examine carefully every bottle of CASTORIA, a safe and sure remedy for infants and children, and see that it Bears the Signature of *W. D. Mitchell*
In Use For Over 30 Years.
Children Cry for Fletcher's Castoria

The Gentle Hint.
"May I kiss your hand?" said he.
"Wouldn't that be rather out of place?" quoth she.
And he agreed with her to the fullest extent.

CLEAN SWEET SCALP

May Be Kept So by Cuticura Soap and Ointment. Trial Free.

To have good hair clear the scalp of dandruff and itching with shampoos of Cuticura Soap and touches of Cuticura Ointment to dandruff spots and itching. Nothing better than these pure, fragrant, supercreamy emollients for skin and scalp troubles. Sample each free by mail with Skin Book. Address Cuticura, Dept. XY, Boston. Sold everywhere.—Adv.

Trickster.

John H. Finley, New York's commissioner of education, said in Albany, apropos of an argument on Bible reading in the schools:

"This argument is straightforward. It does not shift and jump and beat about the bush. It isn't like the tricky schoolboy.

"Which would you choose," his teacher asked this schoolboy, 'the tenth or the twentieth part of an apple?'"

"The boy answered that he would choose the twentieth part, and then, noting with his shifty eyes his teacher's frown, he added, hastily:

"I don't like apples, you know."—Washington Star.

Matrimony's Cost.

Timid Youth—What do I have to pay for a marriage license?
Facetious Clerk—Well, you get it on the installment plan.

Timid Youth—How's that?
Facetious Clerk—Two dollars down and most of your salary each week for the rest of your life.

Cheerful Rogues.

"Human nature presents queer contrasts."
"For instance?"
"Men who have a sunny disposition and a shady character."

No Great Wealth.

Tom—She has a wealth of hair.
Bess—Oh, I don't know. You can buy those switches new for \$6.

Canadian Wheat to Feed the World

The war's fearful devastation of European crops has caused an unusual demand for grain from the American Continent. The people of the world must be fed and there is an unusual demand for Canadian wheat. Canada's invitation to every industrious American is therefore especially attractive. She wants farmers to make money and happy, prosperous homes for themselves while helping her to raise immense wheat crops.

You can get a Homestead of 160 acres FREE and other lands can be bought at remarkably low prices. Think of the money you can make with wheat at its present high prices, where for some time it is liable to continue. During many years Canadian wheat fields have averaged 20 bushels to the acre—many yields as high as 45 bushels to the acre. Wonderful crops also of Oats, Barley and Flax.

Mixed farming is fully as profitable an industry as grain raising. The excellent grasses, full of nutrition, are the only food required either for beef or dairy purposes. Good schools, markets convenient, climate excellent.

Military service is not compulsory in Canada. There is no conscription and no war tax on lands.

Write for literature and particulars as to reduced railway rates to Superintendent Immigration, Ottawa, Canada, or

W. S. Neihy, Room 82, International Bldg., Columbus, O.

Canadian Government Agent

MACHINE TO TEACH MUSIC

After-School Practice Hours May Be Lightened as Result of New System.

As the result of a system of musical time-recording records for talking machines lately devised by Jules Louis-Elson of Far Rockaway, N. Y., the prospect of after-school practice hours on the piano stool may be lightened for juvenile music students.

The principles contained in what his inventor terms his "scenario" may be interpreted on six double-disk talking machine records, or, the same result may be obtained in a condensed form by combining all of the musical counting or time recording on one record only.

On one side of the record are examples cited by the instructor in oral text; on the other side is the oral count of beats, as, 1, 2; 1, 2, 3; 1, 2, 3, 4, etc. A concluding specimen of the oral instruction text is as follows: "For example, let us take the Presto form (the record plays 12 bars). Now, when you consult the printed music you will notice that the quarter, or C (as it is printed), is barred. This serves to indicate that one should count in two. The record now sings as a teacher does the previously played bars of the Presto, emphasizing the count; 1, 2; 1, 2. Thank you."

One Explanation.

"What's the difference between a politician and a statesman?"
"I figure it this way. A politician has to wear a slouch hat and a string tie. But a statesman is sufficiently sure of his job to feel that he can play golf without offending the plain people."

Beauty may be only skin deep, but it is nearly always effective.

Famous Royal Artillery Band.

One of the most famous bands is that of the Royal artillery. Many persons who have attained distinction in the musical world have been connected with the Royal artillery or its band. Among them was Sims Reeves, who was the son of a bandsman, and who, in his boyhood, sang in the military choir at Woolwich. It is, perhaps, not well known that the Royal artillery band is fifty years older than the Philharmonic society, having been formed in 1762. It has done much for the advancement of music in England, and has always enjoyed the advantage of having a succession of eminent musicians as bandmasters. It has always been double-handed; that is to say, the players are as proficient on stringed instruments as on wind, and can at any time assume the character of an orchestra.

The Human Touch.

There must be a sensitive touch. A visitor to a manufactory saw a man molding clay into pots. Noticing that all the molding was done by hand, he said to the workman: "Why do you not use a tool to aid you in shaping the clay?" The workman replied: "There is no tool that can do this work. We have tried different ones, but somehow it needs the human touch." And how true it is that in shaping lives for God there is need of the human touch. We cannot do the Lord's work by machinery. Jesus touched men, imparting health, cleansing and salvation.—Biblical Recorder.

A Bad Guess.

Panhandler—Mister, I appeal to you—
Passer-by—Not in the least, bo! Excuse my dust!—Puck.

One-thirtieth of the entire Jewish race is embodied in the population of New York.

The Smiles of the Satisfied

Are the Smiles that Count

In thousands and thousands of homes this morning, and yesterday—for years and years—there have been happy smiles over

Post Toasties

—and cream.

These crispy sweet bits of choicest Indian Corn, wonderfully seasoned, cooked and toasted, were never better than they are now.

Post Toasties

—the Superior Corn Flakes

With cream or fruit, how "The Memory Lingers"

